

WHAT IS CLAIMED IS:

1. A coated mold insert, comprising:
a mold insert;
an electroless nickel layer formed over at least one surface of the mold insert;
and
a chromium nitride layer formed over the electroless nickel layer.
2. The coated mold insert of claim 1, wherein the mold insert is a removable mold insert.
3. The coated mold insert of claim 1, wherein the electroless nickel layer is formed on the mold insert.
4. The coated mold insert of claim 1, wherein the chromium nitride layer is formed on the electroless nickel layer.
5. The coated mold insert of claim 1, wherein the electroless nickel layer is formed on the mold insert, and the chromium nitride layer is formed on the electroless nickel layer.
6. The coated mold insert of claim 1, wherein the electroless nickel layer has a thickness of at least about 5 microns.
7. The coated mold insert of claim 6, wherein the electroless nickel layer has a thickness of at least about 15 microns.
8. The coated mold insert of claim 7, wherein the electroless nickel layer has a thickness of at least about 25 microns.

9. The coated mold insert of claim 8, wherein the electroless nickel layer has a thickness of about 35 microns.

10. The coated mold insert of claim 1, wherein the electroless nickel layer has a thickness of at most about 75 microns.

11. The coated mold insert of claim 10, wherein the electroless nickel layer has a thickness of at most about 50 microns.

12. The coated mold insert of claim 1, wherein the chromium nitride layer has a thickness of at least about .50 micron.

13. The coated mold insert of claim 12, wherein the chromium nitride layer has a thickness of at least about .75 micron.

14. The coated mold insert of claim 13, wherein the chromium nitride layer has a thickness of at least about 1 micron.

15. The coated mold insert of claim 1, wherein the mold insert is insertable into a mold used to form a magnetic member from mold material.

16. The coated mold insert of claim 1, wherein the mold insert comprises:
a first mold insert portion having a first surface; and
a second mold insert portion having a first surface that faces the first surface of the first mold insert portion;
wherein the electroless nickel layer is formed on or over the first surfaces of the first and second mold insert portions.

17. A mold body, comprising:
a first mold portion having a surface;
a second mold portion disposed adjacent the first mold portion and having a surface opposite the surface of the first mold portion;
an opening extending through the mold body and defined by a portion of the surface of the first mold portion and a portion of the second mold portion; and
the coated mold insert of claim 1.

18. The mold body of claim 17, wherein the mold further comprises a mold support having a first mold support portion that supports the first mold portion and a second mold support portion that supports the second mold portion.

19. The coated mold insert of claim 1, wherein the mold insert is a Be-Cu mold insert.